



FALCON G



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Hamriyah Free Zone Sharjah, UAE.

FALCON G 80W

LED STREET LIGHT

- ☐ **Tool Free** - Easy maintenance.
- ☐ **Multiple Beam** Choices – adaptable for any space.
- ☐ High Luminous Efficacy - More light output.
- ☐ Efficient Heat Dissipation – Die-cast aluminum housing.
- ☐ Consistent Performance & Quality - Delivers stable brightness.



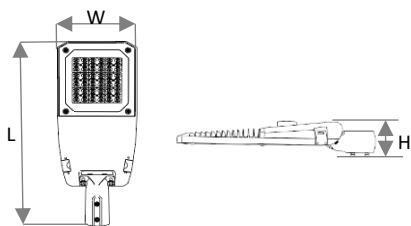
Falcon G-80

Technical		IK08	IP66	UGR <19	CRI >80
Light Source		SMD		-	
Luminous Efficacy (subject to a tolerance of $\pm 10\%$)		160		Lumen / Watt	
Correlated Colour Temperature (CCT)		3000/4000/6500		Kelvin	
Lifetime		50,000		Hours	
McAdam Binning		3		Step	
Housing					
Body		Aluminium		Die-cast	
Lens / Diffuser		PC Lens		Tempered Glass	
Reflector		-			
Mounting		Pole			
Thermal					
Ambient Temperature (Ta)		-20 to 50		°Celsius	
Storage Temperature (Ts)		-20 to 50		°Celsius	
Humidity		10 to 90		RH(%)	

ELECTRICAL CHARACTERISTICS

Control Option	ON/OFF  	
Control Brand	Inventronics	On/off
Rated Power	80	Watts
Input Current (@ 230V)	0.34	Amps
Input Voltage	100 to 240	VAC
Frequency	50 to 60	Hertz
Output Current	1.66	A
Output Voltage	17 to 54	VDC
Power Factor	0.9	

DIMENSIONAL DETAILS



All measurements are in mm

L/D	W	H	Arm Dia	Weight
602	243	121	68	4.89 Kg

PHOTOMETRIC DETAILS

Beam Angle	113.9°
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